

<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
<b>1</b>	<b>6078</b>	<b>(riser or feeder) same mold</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 10:25</b>
<b>2</b>	<b>1441</b>	<b>((riser or feeder) same mold ) and molten adj metal</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 10:26</b>
<b>3</b>	<b>1296</b>	<b>((((riser or feeder) same mold ) and molten adj metal) and casting</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 10:26</b>
<b>4</b>	<b>332</b>	<b>((((riser or feeder) same mold ) and molten adj metal) and casting) and (insulating or insulator insulate or insulated)</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 10:27</b>
<b>5</b>	<b>397</b>	<b>((((riser or feeder) same mold ) and molten adj metal) and casting) and (insulating or insulator insulate or insulated or conductivity)</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 12:07</b>
<b>6</b>	<b>30</b>	<b>((((riser or feeder) same mold ) and molten adj metal) and ((coat or coated or coating) near10 (insulate or insulating or insulated))</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 13:01</b>
<b>7</b>	<b>3</b>	<b>("3314116").PN.</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 13:07</b>
<b>8</b>	<b>3</b>	<b>("3498960").PN.</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 13:09</b>
<b>9</b>	<b>3</b>	<b>("3498360").PN.</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 13:49</b>
<b>10</b>	<b>50783</b>	<b>164/\$.ccls.</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 13:50</b>

<b>11</b>	<b>550</b>	<b>164/\$.ccls. and ((directional adj solidification) or (directionally near5 (sodifidify or solidifying or solidified)))</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 13:57</b>
<b>12</b>	<b>43</b>	<b>(164/\$.ccls. and ((directional adj solidification) or (directionally near5 (sodifidify or solidifying or solidified)))) and ((narrow or thin) near10 (heat or heating or heated or insulate or insulating or insulated))</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 16:38</b>
<b>13</b>	<b>17</b>	<b>((riser or feeder) same mold ) and molten adj metal) and ((sand adj mold) same (vent or venting))</b>	<b>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</b>	<b>2004/04/29 16:39</b>

The screenshot displays a CAD software interface. On the left, a vertical list of drafts is shown, with 'Drafts' at the top, followed by 'Pending', 'Active', 'Failed', 'Saved', 'Favorites', 'Tagged (3)', 'UDC', 'Queue', and 'Trash'. The 'Active' section is expanded, showing a list of drafts with their IDs and descriptions. The draft 'L19: (17) 2 and ((sand adj mold) same (vent or venting))' is highlighted. On the right, a detailed view of this draft is shown, including a title bar with 'USPAT. US FCMR EPO. JPO. DE P. Dual's', a 'Default operator' field with the value 'JH', and a 'Modified at' field with the value '1998-08-10'. The main content area of the right pane displays the text '2 and ((sand adj mold) same (vent or venting))'.

**Drafts**

- Pending
- Active
  - L1: (6078) (riser or feeder) same mold
  - L2: (1441) 1 and molten adj metal
  - L3: (1286) 2 and casting
  - L4: (332) 3 and (insulating or insulator insulate or insulated)
  - L5: (397) 3 and (insulating or insulator insulate or insulated or conductivity)
  - L6: (30) 2 and ((coat or coated or coating) near10 (insulate or insulating or insulated))
  - L7: (3) ("3314116").PN.
  - L8: (3) ("3498860").PN.
  - L9: (3) ("3498360").PN.
  - L10: (60783) 164/\$.cccls.
  - L11: (880) 10 and ((directional adj solidification) or (directionally near5 (solidify or solid...))
  - L12: (43) 11 and ((narrow or thin) near10 (heat or heating or heated or insulate or insulating o...))
  - L19: (17) 2 and ((sand adj mold) same (vent or venting))**
- Failed
  - (0) (164/\$.cccls.).CCLS.
  - (0) 10 and ((directional adj solidification) or (directionally near5) (solidify or solidifying...))
  - (0) 10 and ((directional adj solidification) or (directionally near5) (solidify or solidifying...))
  - (0) 10 and ((directional adj solidification) or (directionally near5) (solidify or solidifying...))
- Saved
- Favorites
- Tagged (3)
- UDC
- Queue
- Trash

**Detailed View of Draft L19:**

USPAT. US FCMR EPO. JPO. DE P. Dual's

Default operator: JH

Modified at: 1998-08-10

2 and ((sand adj mold) same (vent or venting))

	U	S	Document ID	Issue Date	Pages	Title	Current OR	Current XRs	Retrieval C	Inventor	P	C	P	S	A
1			US 200201114	20021114	43	Automotive and aerospace materials in a continuous process	164/130	164/323		Herron, David J.	R	F	F	F	F
2			US 6637497 B2	20031028	37	Automotive and aerospace materials in a continuous process	164/130	141/113; 164/133		Herron, David J.	R	F	F	F	F
3			US 5620044 A	19970415	7	Gravity precision sand casting of aluminum and equivalent m	164/134	164/358		Grenkowitz, Robert W. et al.	R	F	F	F	F
4			US 5208340 A	19930427	18	Insulated paper sleeve for coating metal articles in sand	164/412	138/129; 139/130		Brown, Robert G. et al.	R	F	F	F	F
5			US 4981166 A	19910101	16	Foundry paper riser and system therefor	164/5	164/137; 164/340		Brown, Robert G. et al.	R	F	F	F	F
6			US 4657026 A	19861210	9	Composite inflatable crown roll	492/1	492/2; 492/4		Eibe, Werner W.	R	F	F	F	F
7			US 4434255 A	19820410	9	Foundry apparatus	492/57.4	492/58.4		Khandekar, Jay Y. et al.	R	F	F	F	F